

Notice of Allowability

Application No.

09/478,313

Examiner

Quang N Nguyen

Applicant(s)

KALANTAR ET AL.

Art Unit

2141

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 07/20/2004.
2. ☒ The allowed claim(s) is/are 1-3 and 5-20.
3. ☒ The drawings filed on 22 January 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

Examiner's Amendment

1. An Examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment maybe filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

2. Pursuant to MPEP 606.01, the title has been changed to read:

-- METHOD AND SYSTEM FOR CROSS-DOMAIN SERVICE INVOCATION
USING A SINGLE DATA HANDLE ASSOCIATED WITH THE STORED
COMMON DATA AND INVOCATION-SPECIFIC DATA --

3. The following is an examiner's statement of reasons for allowance:

In interpreting the claims, in light of the specification and the applicant's arguments filed on 07/20/2004, the Examiner finds the claimed invention to be patentably distinct from the prior art of record.

Gabber et al. (US 5,961,593), teach a system and method for providing anonymous personalized browsing by a proxy system in a network, wherein the user is assigned a site-specific substitute identifier (*i.e., data handle*), which is based on user-specific information (*i.e., common data*) and site information (**Gabber**, C7:L62 – C8:L2 and C9:L65 – C10:L10). The substitute identifier can be created and stored at the user site or the proxy server site (*i.e., the second entity*) for future contact between the user and the particular server site, so that the server site will recognize the user's substitute identifier in order to offer various personalized services (*i.e., to invoke processing on the common data by plurality of different service applications at the server*) (**Gabber**, C7:L34-38 and C11:L37 – C12:L14).

However, the prior art of record fails to teach or suggest individually or in combination that a system and method for providing common data from a first source entity to a second entity, wherein said second entity is to perform processing on the common data at the request of said first source entity by more than one of a plurality of different service applications at said second entity using invocation-specific data, comprising the steps of: transferring the common data from the first source entity to be stored at the second entity for subsequent processing on said common data by more than one of said plurality of different service applications; storing the common data as stored data at said second entity; associating a single data handle to the stored data, wherein said first and second entity each are aware of the handle; and invoking service on said common data by said first source entity generating a request comprising said data handle and invocation-specific data to invoke processing on the common data by

said plurality of different service applications at said server as set forth in independent claims 1, 15 and 20. Claims 1-3 and 5-20 are allowed because of the combination of other limitations and the limitation listed above.

The examiner finds the Applicant's arguments on pages 13-19 of the Remarks filed on 07/20/2004 to be persuasive. The applicant argued in substance that the combination of prior art of records fail to disclose the features of the invention including transferring the common data from the first source entity to be stored at the second entity for subsequent processing on said common data by more than one of said plurality of different service applications (only the substitute identifiers, not the user-specific data, i.e., not the "common data", is being provided for processing by more than one of a plurality of different service applications, see Remarks, pages 13-15); associating a single data handle to the stored data, wherein said first and second entity each are aware of the handle (one substitute identifier is created for one particular server site and when the proxy site is choosing or constructing the substitute identifier, the user site is not aware of the substitute identifier, see Remarks, page 18); and invoking service on said common data by said first source entity generating a request comprising said data handle and invocation-specific data to invoke processing on the common data by said plurality of different service applications at said server, (the two sets of data, both the substitute identifier and the URL, i.e., the invocation-specific data, contained in the user request, are not being used to invoke service on the "common data", see Remarks, page 19) as claimed in the invention to allow a client sending the same data to multiple destinations from the client protection domain to the service


protection domain by passing a handle to the instance of the data in the service protection domain, thus obviating the need to repeatedly transfer the data between the client and the service (see Summary of the Invention).

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Examiner's Amendment."

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quang N. Nguyen whose telephone number is (571) 272-3886.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rupal Dharia can be reached on (571) 272-3880. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


RUPAL DHARIA
SUPERVISORY PATENT EXAMINER